

PHOTOGRAPHIC INTERPRETATION REPORT



EQUIPMENT LEVELS AT
SELECTED SOVIET
MRBM AND IRBM COMPLEXES

25X1

SEPTEMBER 1969

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25X1

Declass Review by NIMA/DOD

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

ABSTRACT

This report presents the results of a review of 21 selected Soviet MRBM and IRBM complexes that was undertaken to establish standard levels of missile equipment and to determine if sufficient equipment is present at each MRBM complex to support simultaneous launch operations at both the permanent launch sites and at the fixed field sites of any given complex.

Normal levels of certain items of equipment at MRBM launch sites were established. However, due to infrequent high-resolution photographic coverage of the selected complexes, it was not possible to establish either a standard level for all types of equipment nor to determine whether or not the capability to support simultaneous launch operations exists. A tabular listing is included showing equipment at launch complexes by site and mission. [redacted] was reviewed.

25X1D

INTRODUCTION

[redacted] high-resolution [redacted] missions from [redacted] covering 54 launch sites in 21 selected MRBM and IRBM complexes, associated fixed field sites, barracks areas, training positions, airfields, and supporting rail-to-road transfer points were reviewed for this report. Items of equipment tabulated in Table 1 include missiles, erectors, silo loaders, missile transporters, fuel and oxidizer transporters, war-head vans, and mobile cranes.

An exercise with missile equipment was observed at only one of the selected fixed field sites, Konkovich Fixed Field Site 1 in [redacted]. Equipment was observed on several missions at training areas associated with the Belokorovich MRBM and the Lebedin IRBM Complexes. The Taybola rail-to-road transfer point was the only transfer point where support equipment was noted.

DISCUSSION

A normal level has been established for certain types of equipment at the soft MRBM launch sites, i.e., each site has four erectors, eight oxidizer transporters, and four fuel transporters. Other types of support equipment such as prime movers, support and check-out vans, generators, decontamination vehicles, and nose cone dollies at these sites varied in number to the extent that no standard levels could be established. The MRBM hard sites and both the IRBM hard and soft sites have propellant storage facilities at the pads or near the silos and, therefore, do not have the same need for fuel or oxidizer transporters as do the MRBM soft sites. A few of these vehicles are occasionally observed at the soft and hard IRBM sites; however, they are probably used to replenish the onsite propellant storage facilities. Fuel and oxidizer transporters were observed at one soft IRBM site, Lebedin IRBM launch site 1, on three missions and at the hard IRBM complex, Gelli, on four missions.

An unexplained large number of missile transporters have been observed at two hard IRBM complexes, Taybola and Gelli. At Taybola in [redacted] eight SS-5 missile transporters including three with missiles were observed at launch site 1 and five SS-5 missile transporters including four with missiles were observed at launch site 2, for a total of 13 SS-5 transporters at these two launch sites. At Gelli in [redacted] six SS-5 transporters including one with a missile were observed at launch site 1, 13 SS-5 transporters including five with missiles were observed at launch site 2, and six empty missile transporters were observed at launch site 3, for a total of 25 SS-5 transporters at these three sites.

Higher than average amounts of equipment were observed at the Kremovo MRBM and Belokorovich MRBM Complexes. However, these complexes have additional launch positions at or near the main launch sites. At Konkovich MRBM Fixed Field Site 1, a four-position site, a full complement of four erectors, eight oxidizers, and four fuel transporters was present in [redacted]. On the same coverage, no erectors, oxidizers, or fuel transporters were observed at the Konkovich Launch Site 1, indicating that equipment at the permanent launch site was probably utilized for the exercise at the fixed field site.

Text continued on page 28

Table 1. Summary of Equipment Present at Selected MRBM and IRBM Complexes, by Missions.

COMPLEX ALUKSNE (MRBM)																																		
				LS 1			LS 3 (Hard)			LS 1			LS 2			LS 1			LS 2															
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	
MISSILES										1	1		1			PT																		
ERECTORS	3			2						4			4			1			4															
SILO LOADERS																																		
MISSILE TRANSPORTERS				2	2		4			5	1		1																					
OXIDIZER TRANSPORTERS	7			8						8	2		8			8			2	8														
FUEL TRANSPORTERS				4						4			4			4			1	4														
WARHEAD VANS						3																												
MOBILE CRANES											1			1																				

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1D

COMPLEX BALTA (MRBM)																								
	LS 1			LS 2			LS 1			LS 2			LS 1			LS 1			LS 2			LS 1		
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	4			3																				
ERECTORS	4			4			4			4			4			4			4					
SILO LOADERS																								
MISSILE TRANSPORTERS	4			3															2					
OXIDIZER TRANSPORTERS	8			8			8			8			8			8			8					
FUEL TRANSPORTERS	4			4			4			4			4			4			4					
WARHEAD VANS					2																			
MOBILE CRANES															2						2			
																					1			

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1
TOP SECRET

TOP SECRET

25X1D

COMPLEX BRODY (MRBM)																														
	LS 1			LS 2			FF 1			LS 1			LS 1			LS 2														
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	1						2								1															
ERECTORS	4			4						4			4			4														
SILO LOADERS																														
MISSILE TRANSPORTERS	1						2								1															
OXIDIZER TRANSPORTERS	6			8						8			8			8														
FUEL TRANSPORTERS	4			3						4			4			3														
WARHEAD VANS															2															
MOBILE CRANES																														

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1D

COMPLEX BELOKOROVICHI (MRBM)																																	
	LS 1			LS 2			LS 1			LS 2			FFS			Army Bks AL 1			LS 1			LS 2			FFS			Army Bks AL 1					
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES				PT 2						2									1			3											
ERECTORS	4						4			4			1						5			4			2								
SILO LOADERS																																	
MISSILE TRANSPORTERS									1	2			1						1			4		1	1								
OXIDIZER TRANSPORTERS	8						8			11			2			1			12			8			3			1					
FUEL TRANSPORTERS	4						4			4			1			2			5			4			2			1					
WARHEAD VANS																					5												
MOBILE CRANES										1												3											

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1D

COMPLEX DROGOBYCH (MRBM)																														
	LS 1			LS 2			LS 1			LS 2			LS 2			LS 3			LS 3											
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES				1								PT						1												
ERECTORS	4			4			4			4																				
SILO LOADERS																														
MISSILE TRANSPORTERS															2			1												
OXIDIZER TRANSPORTERS				8			8			8			2			4														
FUEL TRANSPORTERS				3			4					2																		
WARHEAD VANS															3															
MOBILE CRANES																														

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1
TOP SECRET

25X1D

COMPLEX GELLI (IRBM)																								
	LS 2			LS 3			LS 1			LS 2			LS 3			LS 1			LS 2			LS 3		
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES							PT							1	4									
ERECTORS																								
SILLO LOADERS		2		2							2			1			2							
MISSILE TRANSPORTERS														4			5		2					
OXIDIZER TRANSPORTERS														4	1									
FUEL TRANSPORTERS		6		6							6			1				6						
WARHEAD VANS			3															4						
MOBILE CRANES																								

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1D

COMPLEX GELLI (IRBM)																															
	LS 1 (Hard)			LS 2 (Hard)			LS 3 (Hard)			LS 1			LS 1			LS 1			LS 1			LS 1			LS 1						
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	
MISSILES	1			1		5							1						4	PT	1		1	1							
ERECTORS																															
SILLO LOADERS	1			1			2			1				1			2					2			2						
MISSILE TRANSPORTERS	6			6		7	6						3			3			3	4		6		3	3		2				
OXIDIZER TRANSPORTERS																		1					1								
FUEL TRANSPORTERS																															
WARHEAD VANS																						2	2				2				
MOBILE CRANES																						2	1				1				

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

TOP SECRET
25X1TOP SECRET
25X1

25X1D

COMPLEX JELGAVA (MRBM)																														
	LS 1			LS 1			LS 2			LS 1			LS 2																	
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES										1			1																	
ERECTORS	1			3			2			4			4																	
SILLO LOADERS																														
MISSILE TRANSPORTERS	1									1			1																	
OXIDIZER TRANSPORTERS										8			9	4																
FUEL TRANSPORTERS										4			6	1																
WARHEAD VANS											2			2																
MOBILE CRANES											1																			

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

TOP SECRET

TOP SECRET

COMPLEX KREMOVO (MRBM)																																				
	LS 2			LS 1			LS 2			LS 1			LS 2			Barracks			Barracks			LS 1			LS 2			LS 1								
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH			
MISSILES				PT 1						3																										
ERECTORS	4			4			4			8			5									4			4			4								
SILLO LOADERS																																				
MISSILE TRANSPORTERS	1	1		1						3		1												1												
OXIDIZER TRANSPORTERS	12	6		8			8		4	19		4		8		4		7									5									
FUEL TRANSPORTERS	4	3		4			4		2	9		2		5		3		4									1									
WARHEAD VANS		9							16																		8									
MOBILE CRANES	1	6	1						2	6		2	1		2		2				1						1	3		2						

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1D

COMPLEX KONKOVICHI (MRBM)																								
	FF 1			LS 1			LS 2			LS 1			LS 2											
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	1									1														
ERECTORS	4			3			4			4			4											
SILLO LOADERS																								
MISSILE TRANSPORTERS	1																							
OXIDIZER TRANSPORTERS	8						8			4														
FUEL TRANSPORTERS	4						4			2														
WARHEAD VANS																								
MOBILE CRANES	3																							

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

TOP SECRET
X1TOP SECRET
X1

25X1D

COMPLEX KURGANCHA (MRBM)																																	
	LS 2			LS 1			LS 2			LS 2			LS 1			LS 1			LS 2			LS 3 (Hard)			LS 1			LS 2					
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES																																	
ERECTORS	1			1			1								4			4				4				4							
SILLO LOADERS																																	
MISSILE TRANSPORTERS				2			2			4									2			4											
OXIDIZER TRANSPORTERS				2			6					1			8			8							8								
FUEL TRANSPORTERS				1			3					4			4			4							4								
WARHEAD VANS						4																											
MOBILE CRANES																																	

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

COMPLEX KURGANCHA																								
	LS 1			LS 2			LS 3 (Hard)			LS 1			LS 2			LS 3 (Hard)			LS 1			LS 2		
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES											PT					1						1		
ERECTORS	3			4						4			4						4			4		
SILLO LOADERS																						3		
MISSILE TRANSPORTERS							2	1		4			1			1			1			6		3
OXIDIZER TRANSPORTERS				2	4					2			2	4		1			5		2		3	
FUEL TRANSPORTERS				1	1											1			4					1
WARHEAD VANS																			2	2				
MOBILE CRANES																1			1	2		1		1

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1D

COMPLEX KURGANCHA																											
	LS 3 (Hard)																										
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES																											
ERECTORS																											
SILO LOADERS																											
MISSILE TRANSPORTERS																											
OXIDIZER TRANSPORTERS	5																										
FUEL TRANSPORTERS																											
WARHEAD VANS																											
MOBILE CRANES		2																									

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1D

COMPLEX LEBEDIN (IRBM)																																			
	LS 3			LS 1			LS 2			LS 3			Training Position			LS 1			LS 2			LS 3			Training Position										
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH		
MISSILES										3																									
ERECTORS	3			3			3						1			4			4			4			1										
SIL0 LOADERS																																			
MISSILE TRANSPORTERS	4			2						3	1					3					1														
OXIDIZER TRANSPORTERS															7																				
FUEL TRANSPORTERS							5						1			4							1												
WARHEAD VANS									3																										
MOBILE CRANES								2	2													2													

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

TOP SECRET
25X1

25X1

TOP SECRET

25X1D

COMPLEX LEBEDIN (IRBM)																														
	LS 1			LS 2			LS 3			Training Position			LS 1																	
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES		1		4									2																	
ERECTORS		3		4			4			1			4																	
SILO LOADERS																														
MISSILE TRANSPORTERS				4									2																	
OXIDIZER TRANSPORTERS		6											4																	
FUEL TRANSPORTERS		3								1			4																	
WARHEAD VANS																														
MOBILE CRANES		2																												

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1D

COMPLEX LIDA (MRBM)																								
	LS 2			LS 1			LS 2																	
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	1						1																	
ERECTORS	4			4			4																	
SILLO LOADERS																								
MISSILE TRANSPORTERS				3																				
OXIDIZER TRANSPORTERS	8			8																				
FUEL TRANSPORTERS	4			4																				
WARHEAD VANS																								
MOBILE CRANES																								

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1D

COMPLEX MOLOSKOVITSY (MRBM)																																			
	LS 1			LS 2			LS 1			LS 3 (Hard)			LS 1			LS 3 (Hard)			LS 1			LS 2			LS 1			LS 3 (Hard)			LS 1				
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH		
MISSILES				1						5			1									PT	PT	5			1								
ERECTORS	4			3									4						4			2			4										
SILO LOADERS															1																				
MISSILE TRANSPORTERS	2			1						5			1						1			2			5			1							
OXIDIZER TRANSPORTERS							3						6						12			9			2										
FUEL TRANSPORTERS							1						3						4			6													
WARHEAD VANS																																			
MOBILE CRANES																																			

LEGEND
LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1

25X1D

COMPLEX MOLOSKOVITSY (MRBM)																								
	LS 1			LS 2																				
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	PT																							
ERECTORS	2			4																				
SILLO LOADERS																								
MISSILE TRANSPORTERS																								
OXIDIZER TRANSPORTERS	8			8																				
FUEL TRANSPORTERS	4			4																				
WARHEAD VANS																								
MOBILE CRANES																								

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

TOP SECRET
25X1

TOP SECRET
25X1
- 19 -

25X1D

COMPLEX PERVOMAYSK (IRBM)																														
	LS 2 (Hard)			LS 3 (Hard)			LS 1 (Hard)			LS 1			LS 1																	
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	1																													
ERECTORS																														
SILO LOADERS	2			2			1			2																				
MISSILE TRANSPORTERS	4			6						6																				
OXIDIZER TRANSPORTERS	7									3																				
FUEL TRANSPORTERS	6																													
WARHEAD VANS			2										4																	
MOBILE CRANES			4	1						2																				

LEGEND

LS ~ LAUNCH SITE
SPT ~ SUPPORT AREA
WH ~ WARHEAD AREA
PT ~ PARTIAL COVERAGE

25X1D

COMPLEX POSTAVY (MRBM)																																	
	LS 1			LS 1			LS 1			LS 1			LS 1			Barracks HQ			LS 2			LS 1			LS 3 (Hard)			Barracks HQ					
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES				1	PT	PT				4			7			1			1			1											
ERECTORS	4			4			4			3			4			2			4			4					1						
SILO LOADERS																																	
MISSILE TRANSPORTERS				2						4			8			1			1			3			4								
OXIDIZER TRANSPORTERS							6						8	3		6			8			7	2				7						
FUEL TRANSPORTERS													4			1			4			4	2				1						
WARHEAD VANS																																	
MOBILE CRANES												1				1											1						

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1D

COMPLEX RAKVERE (MRBM)																														
	LS 1			LS 2			LS 1			LS 2																				
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	1						PT			PT																				
ERECTORS	4			4			1			2																				
SILO LOADERS																														
MISSILE TRANSPORTERS	1																													
OXIDIZER TRANSPORTERS	8			8			6			3																				
FUEL TRANSPORTERS	4			4																										
WARHEAD VANS																														
MOBILE CRANES																														

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1D

COMPLEX SLOMIN (MRBM)																														
	LS 1			LS 1			LS 1			LS 2																				
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES	1			1			1																							
ERECTORS	4			2			4			4																				
SILO LOADERS																														
MISSILE TRANSPORTERS	1						1			1																				
OXIDIZER TRANSPORTERS				8			7	4		8																				
FUEL TRANSPORTERS				4			4	1		4																				
WARHEAD VANS																														
MOBILE CRANES																														

LEGEND

LS - LAUNCH SITE
 SPT - SUPPORT AREA
 WH - WARHEAD AREA
 PT - PARTIAL COVERAGE

25X1D

COMPLEX TAURAGE (MRBM)																								
	LS 2			LS 1																				
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES																								
ERECTORS	4			4																				
SILO LOADERS																								
MISSILE TRANSPORTERS						1																		
OXIDIZER TRANSPORTERS	8			8																				
FUEL TRANSPORTERS	4			4																				
WARHEAD VANS																								
MOBILE CRANES																								

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

TOP SECRET
25X1TOP SECRET
25X1

COMPLEX TAYBOLA (IRBM)																																	
	LS 1 (Hard)			LS 2 (Hard)			LS 1			LS 2			LS 1			LS 2			RTP			RTP			RTP			LS 1			LS 2		
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES			2				1								2													3			4		
ERECTORS																																	
SILO LOADERS											2						2											2			2		
MISSILE TRANSPORTERS		1	2			6			1		7		6		3		4											8			5		
OXIDIZER TRANSPORTERS	2																	12			12			12									
FUEL TRANSPORTERS	6																																
WARHEAD VANS																																	
MOBILE CRANES																																	

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1D

COMPLEX ZHMERINKA (MRBM)																																	
	LS 1			LS 1			LS 2			LS 3 (Hard)			LS 1			LS 1			LS 1			LS 2			LS 1			LS 3			LS 1		
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH			
MISSILES										NA							3		3														
ERECTORS	2			4			2					4			2			4			4							4					
SILO LOADERS																																	
MISSILE TRANSPORTERS											3						1		3		1				4			2					
OXIDIZER TRANSPORTERS	6			6			6				8			8			8		10		2							9					
FUEL TRANSPORTERS				4			8				4			3			3		4		1						4						
WARHEAD VANS																			4	4													
MOBILE CRANES																																	

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

25X1D

COMPLEX ZNAMENSK (MRBM)																														
	LS 1			LS 1			LS 1			LS 2			LS 1																	
	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH	LS	SPT	WH
MISSILES													1																	
ERECTORS	4			4			4			4			4																	
SILO LOADERS																														
MISSILE TRANSPORTERS												1	1																	
OXIDIZER TRANSPORTERS	8						8			9			8																	
FUEL TRANSPORTERS							4			4			4																	
WARHEAD VANS																														
MOBILE CRANES																														

LEGEND

LS - LAUNCH SITE
SPT - SUPPORT AREA
WH - WARHEAD AREA
PT - PARTIAL COVERAGE

TOP SECRET
25X1TOP SECRET
25X1

25X1

25X1

TOP SECRET

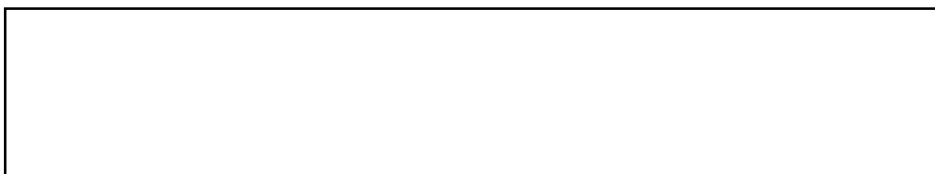
At only one of the rail-to-road transfer points associated with the 21 selected complexes was missile-related equipment identified. At Taybola, 12 oxidizer transporters, nine of the SS-4 type and three of the SS-5 type, were observed on three missions in ☐ No missile equipment has been identified at airfields near the selected MRBM and IRBM complexes; however, it is possible that aircraft may be used at times to transport missiles or equipment.

25X1D

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25X1D

REFERENCES



REQUIREMENT

GMAIC. C-C09-85,783
NPIC Project 250479

TOP SECRET

25X1

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